ELSEVIER

Fire Safety Journal 33 (1999) 313–314

FIRE SAFETY JOURNAL

www.elsevier.com/locate/firesaf

Contents of Volume 33

Volume 33 Number 1

1 Behavior of Luminous Zones Appearing on Plumes of Large-scale Pool Fires of Kerosene
N. TAKAHASHI, M. SUZUKI, R. DOBASHI & T. HIRANO (Japan)

11 Comments on the Role of Leakages in Field Modelling of Under-ventilated Compartment Fires
Y. L. SINAI (UK)

21 Numerical and Experimental Gravity Currents Related to Backdrafts
C. M. FLEISCHMANN (New Zealand) & K. B. McGRATTAN (USA)

35 Verification and Application of Field-zone-network Model in Building Fire
J. YAO, W. FAN (People's Republic of China), S. KOHYU & K. DIASUKE (Japan)

45 Explosions in Buildings: Modeling and Interpretation of Real Accidents
V. V. MOLKOV (Russia)

57 Principles for a Video Fire Detection System
X. CHENG, J. WU, X. YUAN & H. ZHOU (People's Republic of China)

Short Communication

71 Smoke Temperature and Velocity Decays Along Corridors
Y. HE (Australia)

Book Reviews

75 *The Economics of Fire Protection* (1998), by G. Ramachandran. E&FN Spon, Routledge, London (Reviewed by J. R. HALL)

77 *Fire Test Standards* (1999). American Society for Standards and Materials, PA (Reviewed by V. BABRAUSKAS)

79 Letter to the Editor

81 Author's Response

83 Announcement

85 Calendar

87 Contents of Related Journals

Volume 33 Number 2

89 Obituary

93 Enclosure Smoke Filling Revisited
F. W. MOWRER (USA)

0379-7112/99/$ – see front matter © 1999 Elsevier Science Ltd. All rights reserved.

115 A Basis for Using Fire Modeling with 1-D Thermal Analyses of Partitions to Simulate 2-D and 3-D Structural Performance in Real Fires
L. Y. COOPER (USA) & J.-M. FRANSSEN (Belgium)

129 Interaction of Water Mists with a Diffusion Flame in a Confined Space
B. YAO, W. FAN & G. LIAO (People's Republic of China)

141 Suppression Concentration of Clean Agents Exposed to a Continuously Energized Heated Metal Surface
E. BRAUN, C. A. WOMELDORF & W. L. GROSSHANDLER (USA)

153 Corrigendum

155 Announcements

159 Calendar

161 Contents of Related Journals

Volume 33 Number 3

165 Obituary

167 Quantifying Fire Model Evaluation Using Functional Analysis
R. D. PEACOCK, P. A. RENEKE, W. D. DAVIS & W. W. JONES (USA)

185 Simulation of Water Mist Suppression of Small Scale Methanol Liquid Pool Fires
K. PRASAD, C. LI & K. KAILASANATH (USA)

213 A Numerical Study of Atrium Fires Using Deterministic Models
J. S. RHO & H. S. RYOU (South Korea)

231 Announcements

235 Calendar

Volume 33 Number 4

237 A Morsel from Interflam '99

239 Modeling of Bare and Aspirated Thermocouples in Compartment Fires
L. G. BLEVINS & W. M. PITTS (USA)

261 The Development and Mitigation of Backdraft: A Real-Scale Shipboard Study
D. T. GOTTUK, M. J. PEATROSS, J. P. FARLEY & F. W. WILLIAMS (USA)

283 Statistics for Fire Prevention in Sweden
T. ROSENBERG (Sweden)

295 Foams and Gels as Fire Protection Agents
A. M. TAFRESHI & M. DI MARZO (USA)

307 Announcements

311 Calendar

313 Contents of Volume 33